

ABSTRACT

Disclosed is a polyether polyurethane comprising
(A) at least one polyisocyanate having two or more iso-
5 cyanate groups, which is selected from the group con-
sisting of an aromatic polyisocyanate and an aliphatic
polyisocyanate; (B) a polyoxytetramethylene glycol
(PTMG) having a number average molecular weight of from
500 to 4,000, a molecular weight distribution (M_w/M_n)
10 of 1.75 or less, and a content of high molecular weight
PTMG molecules of 10 % by weight or less; and (C) at
least one chain extender selected from the group con-
sisting of a C_2 - C_{10} polyol having two or more hydroxyl
groups and a C_2 - C_{10} polyamine having two or more amino
15 groups. Also disclosed is a urethane prepolymer which
comprises the above-mentioned components (A) and (B)
and which has terminal isocyanate groups.